



CENTRE DE CONGRES PIERRE BAUDIS 11, esplanade Compans Caffarelli 31000 Toulouse - France

CALL FOR PAPERS AND EXHIBITIONS

<http://www.erts2012.org>

Organisers	General Chairs
<ul style="list-style-type: none"> • 3AF, the Society for Aeronautics and Space • SEE, the Society for Electricity, Electronics, and Information and Communication Technologies 	<p>Joseph Sifakis, VERIMAG</p> <p>Jean Botti, EADS</p>
<p>Keynote speakers</p> <p>Denis Chapuis, EADS</p> <p>Klaus Grimm, Daimler AG and ARTEMIS Industry Association</p> <p>Alberto Sangiovanni-Vincentelli, UC Berkeley</p>	

The ERTS² congress is a unique European cross sector event on Embedded Software and Systems, a platform for top-level scientists with representatives from universities, research centers and industries. The previous editions gathered more than 100 talks, 500 participants and 60 exhibitors.

ERTS² is both:

- a conference with high level scientific and technical presentations,
- an exhibition forum covering a wide range of innovative products and services, for improving direct relationship between providers and users,
- a unique community spirit: knowledge sharing, unforgettable moments and networking opportunities.

The late Jean-Claude Laprie was ERTS² Programme Committee chairman from 2002 to 2010 and brought ERTS² to its actual international reputation. We intend to carry on his work and the ERTS² spirit. Joseph Sifakis accepted to take over as Programme Committee chairman of the congress.

The sixth edition targets all the domains where embedded systems are crucial, especially, but not limited to, transportation (aeronautics, automotive, railway, subway, marine), satellite and space exploration, energy, telecommunications and wireless connectivity, e-healthcare, home automation, defence, industrial control.

IMPORTANT DATES

Call for papers	Call for exhibitions
<ul style="list-style-type: none"> ➤ Abstract submission (2-4 pages) June 26th, 2011 (Extended date – see also note¹ below) ➤ Acceptance notification Sept. 30th, 2011 ➤ Final paper (≤10 pages) Dec. 10th, 2011 	<ul style="list-style-type: none"> ➤ Information and registration March-Dec. 2011 ➤ Select your contact for meetings Jan. 16th-27th, 2012 ➤ Exhibition and B to B meetings Feb. 1st-3rd, 2012
<p>Conference: Feb. 1st-3rd, 2012</p>	

Join ERTS² for high quality papers and for high quality audience!

¹ In case of impossibility, please contact erts2012@easychair.org, maximum effort will be dedicated to the management of a few numbers of late submissions up to July 11th.

CALL FOR PAPERS

Original, unpublished papers are solicited. Selection will be made by the Programme Committee through a formal review process, based on extended abstracts.

Authors are invited to follow the instructions of the on-line submission process and upload their extended abstract (minimum 2 pages, maximum 4 pages, character size 10, in English, "PDF" format) including name and affiliation of author(s) and a list of keywords.

Authors of selected abstracts will have to upload the complete version of their paper through the on-line submission process (maximum 10 pages, character size 10, in English, "PDF" format).

Submission process and detailed instructions on the web site <http://www.erts2012.org>

Major topics of interest

The conference encourages submission of research contribution, research - industrial transfer, industrial feedbacks on new technologies, position papers on major trends etc. in topics including, but not limited to:

- **Embedded computing platforms and network systems:** Distributed architectures, Multi-core/ many core platforms, FPGA, Network embedded systems, Operating systems and executive services, Middleware, Virtualization, Services oriented platforms, Energy management, Innovative architectures...
- **Processes, methods and tools:** Requirement engineering, Model-based system engineering, Formal methods, Components and reusability, Languages and compilers, Parallelisation...
- **Dependability:** Safety, Security, Quality of service, Fault tolerance, Maintainability, Diagnostic, Prognostic, Certification...
- **Human System Interactions**
- **Large systems:** Smart grids, Smart buildings, Intelligent transportation systems...
- **Societal aspects:** Innovative environments, Business models, Intelligent resource management...

CALL FOR EXHIBITIONS

The exhibition is the opportunity for companies to present their latest products; it will be combined with B to B meetings for improved direct relationship between exhibitors and contractors represented by R&D directors, technical directors and projects managers from all the industry sectors.

The exhibition and conference areas are situated under the same roof allowing attendees to visit booths during the symposium.

Exhibition contact: erts2012@advbe.com

COMMITTEES

Programme Committee	Chair: Joseph Sifakis (Verimag) <i>Coordinators:</i> Jean-Paul Blanquart (EADS-Astrium), Marc Boyer (Onera), Denis Claraz (Continental Automotive), Claire Pagetti (Onera), Marie-Line Valentin (Airbus) Programme committee members are industrial and academic experts from 11 countries. The list is available on the website.
Support Committee	Chair: Jean Botti (EADS) <i>Coordinators:</i> Alain Chevalier (Airbus), Karama Kanoun (LAAS), Gerard Ladier (Aerospace Valley), Jean-Luc Maté (Continental Automotive), Christel Seguin (ONERA), Pascal Traverse (Airbus), Louis-Claude Vignaud (Continental Automotive) Support committee members are industrial representatives from major companies interested in Embedded Systems. The list is available on the website.
Organising committee	Chairs: Christel Seguin (SEE), Francis Guimera (3AF) <i>Registration chairs :</i> Valérie Alidor – Nicolas Beaude (SEE) <i>Local arrangements chair :</i> Alice Torgue (3AF)
Exhibition	Chair: Xavier Sicard (ABE)

ERTS² 2012 is supported by Airbus, Continental, Onera, CNES

